



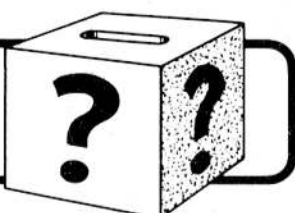
NUCLEAR DIVISION NEWS

A Newspaper for Employees of the Nuclear Division, Union Carbide Corporation

Vol. 6 - No. 12

June 19, 1975

QUESTION BOX



If you have questions on company policies, benefits, etc. or any other problems with which we might help, just let us know. Drop your inquiry to the Editor, **Nuclear Division News**. (Or telephone it in to your plant news representative.) You may or may not sign your name. It will not be used in the paper.

Questions are referred to the proper authorities for accurate answers. Each query is given serious consideration for publication.

Answers may be given to employees personally if they so desire.

QUESTION: Since Union Carbide is an equal employment opportunity employer and since it has an active affirmative action program, why does the **Nuclear Division News** continue to be unequal in its treatment of employees? Equal treatment would consist of always using titles for male employees in picture captions, as you do for female employees, or you could omit titles altogether.

ANSWER: We appreciate your suggestion. In the future we plan to identify men and women in the same manner when giving their names under photographs.

QUESTION: What are the policies of Union Carbide for hiring or not hiring university students for summer jobs? One student applied for a summer job last year and was told that she could not be hired because her father made too much money (he is a truck driver). Yet, there are several employees' children who work here during the summer whose fathers are division directors, etc. Please explain the logic behind this.

ANSWER: The Nuclear Division has a policy of employing summer students within approved program limitations and budgets for specific assignments.

There are three programs for which students are hired in the summer.

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Standards used to make selections are given below:

Technical students must have completed two years of college, majoring in an engineering or physical science discipline. Applicants in fields of interest are ranked according to grade point averages. Selection is based primarily on this factor. The Nuclear Division will employ about 13 students in this category this summer.

Clerical students are selected from applicants who have completed two years of college and have met the minimum requirements on clerical tests. Generally, these employees are utilized to replace clerical and secretarial employees during summer vacations. Approximately 35 students will be employed in this area this summer.

The Youth Opportunity Program is a Federal project designed to assist disadvantaged youths to further their education. Eligibility for consideration is determined by the family income. The income for a family of three (parents and one child) must not exceed \$4,400 a year with \$800 added for each additional child. Students whose parents are employed by Union Carbide or the Energy Research and Development Administration are not eligible. Approximately 40 students will be hired for this program this summer.

QUESTION: Has any consideration been given to allowing employees the option of transferring termination allowance pay, accrued prior to 1966, into the new Savings Plan Fixed Income Fund?

This would be beneficial to both the employee and the Company. If the calculations are based on current salary and if invested in the Fixed Income Fund at the current rate of 8.55%, it would probably exceed normal expected salary growth for these employees.

The interest could accrue to the employee regardless of reason for ter-

Isotopes programs reorganized ; new Lab appointments announced

Four new appointments reflecting changes in the organization of isotopes production and research activities at Holifield National Laboratory have been announced by Laboratory Director Herman Postma.

Effective July 1, John H. Gillette, superintendent of the Isotopes Division at the Laboratory since 1958, will become director of the Laboratory Protection Department. In this assignment, he will be responsible for plant security and protection programs, which include the fire and guard departments. He will also retain responsibility for the nuclear materials accountability activities presently carried out by the Isotopes Division.

At the same time, the Isotopes Division will be dissolved. The division's major programs for development, production, and sale of both stable and radioactive isotopes and for preparation of special research materials will be transferred to other divisions within the Laboratory.

Restructured programs

Three additional appointments have been made to head the restructured isotopes programs:

The stable isotopes program will become part of the Chemical Technology Division and will be directed by Eugene Newman Jr.

The radioisotopes program will become part of the Operations Division



J.H. Gillette

and will be under the direction of Eugene Lamb.

The target preparation program is being transferred to the Solid State Division and will be under the direction of Edward H. Kobisk.

Gillette succeeds Lawrence P. Riordan, who plans to retire in January 1976, and will continue on special assignment to the Laboratory Protection Department to assist in the transition. Riordan joined the Laboratory staff in 1943 as superintendent of security and plant protection and has been responsible for these programs continuously since that time.

Eugene Newman

A member of the Laboratory staff since 1960, Newman has specialized in the study of nuclear structure, primarily the application of the nuclear shell model to the proton and



REPRESENT NUCLEAR DIVISION — William B. Nicholson, center, Vice-Chairman of the Board of Union Carbide Corporation, displays the National Safety Council's Award of Honor for Terry Calhoun, left, and Bill Bramblett. Calhoun represented the Y-12 Plant and Bramblett represented the Oak Ridge Gaseous Diffusion Plant at the ceremonies. Both plants had outstanding bids earned the award, the Council's highest recognition. (See story on page 6.)

(Continued on page 10)



REMEMBRANCE OF THINGS PAST — A backward look at the Wheat area shows a busy day in April, 1924, at the Wheat High School. The girls' dormitory is to the right of the school. The Oak Ridge Gaseous Diffusion Plant is

located about one mile west of the site of the old high school. The area is now covered by dense woods with no recognizable landmarks. (Photo courtesy of Mrs. Rhea Hester.)

Wheat Community

'The voice of God mingling with the melody of nature'

By James A. Young

What is now the Oak Ridge Gaseous Diffusion Plant was once the heart of a peaceful rural area known as Wheat, with roots going back almost 200 years. (Wheat took its name from a Frank Wheat, who served as the village's first postmaster.)

A grist mill is known to have existed on the East Fork of Poplar Creek when Tennessee was still part of North Carolina. The Volunteer State became the 16th state in 1796. Walker's Mill was built where the East Fork empties into Poplar Creek, near the present site of ORGDP.

Sparsely-written history of the area shows a Methodist Church founded by Gabriel and Richard Richards (believed to be brothers) existing in the very early days of settlement. Mt. Zion Baptist Church was founded in the early 1850's and Cumberland Presbyterian Church followed, along with the George Jones Memorial Baptist Church (the only structure left in the group).

Covers ORGDP

Also located in the area at the time of the 1942 condemnation proceedings were the East Fork Masonic Lodge, Robinson's School, Wheat High School, formerly Roane County College (which, itself, was pre-dated by the Poplar Creek Seminary), Adams' Store and post office, and scores of clapboard homes and log cabins dotting the Gallaher Bend area. A ferry existed there, at the present Gallaher Bridge site, up until the late 1930's. Roughly, the Wheat area encompassed all of the present ORGDP site with out-lying perimeters extending upstream and downstream on the Clinch River. The river became part of Watts Bar Lake shortly before construction began at ORGDP.

There were familiar names in the area, many of which are still in evidence in Roane and Anderson

counties . . . Gallaher, Hembree, Harvey, Cross, McKinney, Lockett, Black, Grubbs, Edwards, Cooper, Williams, Roberts, Freels, Driskill and Wright. Some of these people are still around, and many descendants and kin can be found working in any of the four Nuclear Division plants.

Most of the residents farmed the area . . . tobacco, corn and truck patches. The people there were industrious and hard-working, laying away stores for the winter months. Cash came from selling produce and a few cattle and pigs were raised in the valley. Well-stocked basements and root cellars abounded in the section, and one of the favorite pastimes of the housewife in Wheat was bragging about how many cans of berries, beans, pickles, peaches, etc., she had canned in the past season.

From the time Wheat High graduated its first student, Allee Cross, in 1911, until 1942 when 12 graduates

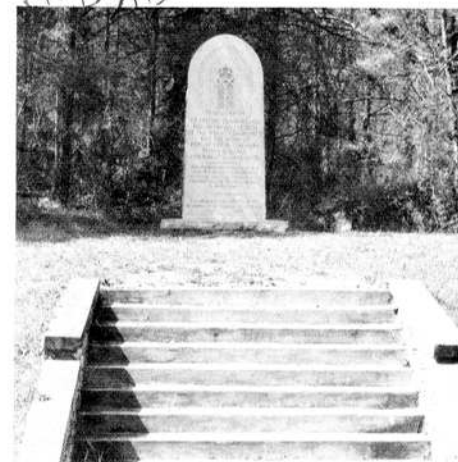
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ANCIENT PHOTOGRAPH — Poplar Creek Seminary, predecessor of Roane County College, which eventually became Wheat High School, is seen in this vintage photo. The unidentified young lady apparently waves from an abandoned structure, since many of the window panes are missing. Also the lawn stands in bad repair. (Photo: Courtesy of Mable Thornton.)



ALL THAT REMAINS — All that is left of the Wheat Community is the George Jones Memorial Baptist Church, standing as it has for the past several decades. Wheat residents, and descendants relatives gather the first Sunday in October every year for decorating the graves.



SIMPLE MARKER — A simple marker identifies the locale of the Crawford Cumberland Presbyterian Church and the site of Poplar Creek Seminary, Roane College and Wheat High School . . . all that is left of a bustling, thriving, rural area.

Three ORGDP promotions announced

PH 75-1457

PH 75-1386

PH 75-1385



J.L. Rutherford



J.A. Stokes



S.W. Vest

Three promotions have been announced at the Oak Ridge Gaseous Diffusion Plant.

Jack L. Rutherford, Separation Systems Division, has been promoted to associate development engineer. He has been with the Nuclear Division nine years, most recently as a senior laboratory technician in Separation Systems. He was previously with the Reactor Chemistry Division at Holifield National Laboratory.

A native of Clinton, Rutherford received the B.S. degree from Tennessee Technological University. He and his wife, Catherine, have two daughters and reside at 301 Riverbend Road, Clinton.

Jerry A. Stokes has been named to the position of barrier foreman in Barrier Manufacturing. Stokes, formerly with the Tennessee Highway Patrol, has been with Union Carbide 14 months.

Stokes was born in Andersonville and raised in Clinton, where he currently resides at Route 2, Nancy Drive. A graduate of The University of Tennessee, he holds a B.S. degree in forestry.

Sammy W. Vest of Operations Division has been promoted to power operations foreman. He was previously an electrical mechanic.

Vest is a Knoxville native but attended high school in Alexandria, Va. Before joining the Nuclear Division in 1970, he was a lineman with Virginia Electric and Power Company.

He and his wife, Barbara, have two daughters and a son. The family lives at 10817 Ashford Drive, Concord.

ORGDP woman gets CPA

PH 75-1324



Joyce P. Smith

Joyce Plaster Smith, General Accounting Division at the Oak Ridge Gaseous Diffusion Plant, has been certified as a professional accountant by the state of Tennessee.

A native of Knoxville, Mrs. Smith graduated from Rule High School. She has accumulated two years of college credit by attending evening classes at The University of Tennessee under the Nuclear Division's Educational Assistance Program.

Mrs. Smith joined the Nuclear Division staff at the Laboratory in 1964. She worked as a secretary in the Isotopes Division for nine years before transferring to ORGDP's Operations Planning in 1973. Mrs. Smith is currently an accounting analyst in the Finance and Budget Department.

Mrs. Smith resides with her husband, Jack, and their three children in the Claxton Community, Powell.

ORNL Credit Union initiates daily dividends system

The ORNL Employees Federal Credit Union has announced that it will pay daily dividends beginning July 1. The Board of Directors states that the ORNL Credit Union is the first financial institution in this area, and the first credit union in Tennessee, to offer this service on all savings (share) accounts.

All savings will begin earning a dividend on the date they are deposited and will continue to earn on a daily basis until the date the funds are withdrawn. Dividends earned will be posted to the accounts on the last day of each quarter and compounded each quarter.

The new service has been made possible by a recent change in federal credit union law allowing the payment of dividends on a daily balance. In order to handle the mechanics of the new dividend system and to upgrade member services, the Credit Union recently converted its records to a computerized accounting system.

Struxness receives waste disposal award from ANS

Edward G. Struxness, assistant director of the Environmental Sciences Division at Holifield National Laboratory, received the American Nuclear Society's 1975 Special Award for Waste Disposal and Management.

The award, consisting of an engraved certificate and \$1,000, was presented at the ANS 21st annual meeting in New Orleans. Struxness was cited "for his experimental and analytical contributions to the science and technology of radioactive waste management, and for his ability to advance the knowledge base by constructive cooperation with other institutions and individuals, both domestic and foreign, in this important field of endeavor."

For more than 20 years Struxness has been involved in various low- and high-level waste disposal projects. His contributions in radiological assessments of waste disposal practices have been particularly outstanding, and have earned him wide recognition both in this country and abroad.

Certified health physicist

A native of Minnesota, Struxness received his B.S. degree in biology and chemistry from Luther College, Decorah, Iowa, in 1935. He was certified by the American Board of Health Physics in 1960, and has done graduate study at Northwestern University and The University of Tennessee.

Prior to joining the Nuclear Division staff at the Y-12 Plant in 1943, Struxness was a senior instructor with the Inspection Division of the Army Air Force Technical Training Command. He served in various supervisory positions at Y-12 before transferring to the Laboratory's Health Physics Division in 1953. He was assistant director of Health Physics from 1962 to 1973, and directed the Laboratory's Environmental Impacts Project from 1971 to 1974. In addition to being assistant director of Environmental Sciences, a position which he assumed in 1973, Struxness currently serves as manager of the environmental assessments programs.

U.S. delegate

Struxness was a U.S. delegate to the Second International Conference on the Peaceful Uses of Atomic Energy which was held in Switzerland in 1958. He was also a member of the U.S. delegation to the U.S.-Soviet Union Bilateral Talks in 1970 and 1972.

Struxness is currently a member of Committee 4 of the International Commission on Radiological Protection (ICRP) and serves as chairman of its task group on "Evaluations Related to Planned and Unplanned Releases of Radioactive Materials into the Environment." He is also a member of the Health Physics Society of America and the East Tennessee Chapter of HPS.

A member of the board of directors of the Anderson County Community Action Commission, Struxness also serves on the Oak Ridge Human Resources Board. He resides with his wife, Pat, at 126 Carnegie Drive, Oak Ridge.



Edward G. Struxness

J.L. Langford will head lab records department



J.L. Langford

H. Fritz McDuffie, director of Holifield National Laboratory's Information Division, recently appointed J. Lowell Langford head of the laboratory records department, with responsibility for the Laboratory's overall records management program.

Langford succeeds Nathaniel T. Bray, who had served as head of the department since 1946. Bray will retain his responsibility for the Laboratory's classification and declassification programs, and will be involved in a new program of reducing the classified document holdings of the Laboratory. Both Langford and Bray report to P.S. Baker.

A native of Sweetwater, Langford graduated from Sweetwater High School. He was employed at the Post Office in Oak Ridge prior to joining the Laboratory's mail department in 1958. He later worked in the reproduction services department at the Laboratory and in central reproduction at the Oak Ridge Gaseous Diffusion Plant. He rejoined the Laboratory in 1969 as assistant supervisor of the Reproduction Department, and transferred to laboratory records in August, 1973, as supervisor of central files.

Langford has taken courses at The University of Tennessee and is currently working toward a degree in management and supervision technology at Roane State Community College.

Langford is married to Phyllis Joan Giles, a former ORGDP employee. They reside at 7210 Evanel Way, Powell, with their son, David.

Wheat community

(Continued from page 2)

went out into the adult world . . . a total of 303 diplomas was granted from the school. Education was high on family priority lists in those days, despite hard times and hard work. Among the graduates of the last class was Joy Edwards, one of six children of C. Elmer Edwards. Edwards, who worked at ORGDP from 1944 until 1958, saw all six of his offsprings with college degrees, four with advanced ones! Most of this accomplishment was on farm income, too, with Mrs. Edwards working part of the time in Harriman. "It wasn't easy," she states, "but the children all helped, coming home on weekends and pitching in to work the farm."

Sold in 1908

Roane College, which preceeded Wheat High School, was chartered in 1885 with George Jones, A.J. Burum, James W. Watson, J.F. Browder, D.W. Gallaher and W.L. Gallaher acting as the school's founders. The school's property was sold to Roane County in 1908.

A 1902-3 graduation exercise program shows an interesting array of music and orations. William Christenberry gave a speech on "Adversity Polishes the Jewel," and Myrtle Holloway sang "Sweet Rose of Yesterday." Sallie Belle Arnold recited "The Death Bridge of the Tay," and Mamie Adams did "The Guardian Angel." Belle Eblen read an essay entitled "The Maid of Orleans," and Charles Zwicker orated on "There is a Divinity that Shapes Our Ends."

Records are unavailable on the founding of Poplar Creek Seminary, which preceeded the college, but it was known to exist shortly after the Civil War.

Jones' contributions

George Jones, for whom the church is named, was born in the area in 1830, served in the Union Army during the Civil War, and is buried at the church with his wife. According to "Tennessee Pioneer Ministers," Jones was an exceptional man. "For accuracy of judgment, industry and executive ability he outclasses most of his brethren. Prosperity seems to follow his steps and fortune smiles upon whatever he turns his attention to or touches. He is broad-minded and progressive in his ideas and plans. He has no children, but is interested in the education of the youth. He has contributed many hundreds of dollars



AMPLE CELLAR — Aesop's fable of the ant and the grasshopper was familiar to residents of the Wheat area, as they gleaned food during the summer months for the onslaught of winter. This well-stocked cellar was typical of homes in the area, where the Oak Ridge Gaseous Diffusion Plant now stands. The unidentified youth proudly surveys the family stock.



TYPICAL HOME — A neatly constructed log cabin dots the landscape in 1938 at Wheat, four years before U.S. surveyors came in and measured land in Anderson and Roane County that was to become Oak Ridge. The three ears of corn hanging on the porch were typical "good luck" talismans of the region.

out of his limited and hard-earned means to the founding and support of Roane College, an institution which may be justly considered his own legitimate offspring.

"Jones' generous contributions to various public enterprises, religious and educational, have so nearly exhausted his humble fortune it is very doubtful whether he has enough left to guarantee him a comfortable maintenance during his declining years. Yet he withholds not his hands from giving . . . a tiller of the soil,

pious, zealous, liberal with his means - may his tribe increase! -- is one of God's noblemen, satisfied only to 'live in the country,' where he ever recognizes the voice of God mingling with the melody of nature."

Known graduates

Known graduates of Wheat High School still at work with Union Carbide include Woodrow Johnson, Kenneth Johnson, Marjorie Cabbage (married name unknown), Orville Freels, Rhea Hester, Hoyt Matthews and Leonard Crow. Apologies to those that are missed through incomplete records.

The road west from Oak Ridge, once passed by the George Jones Church, with the High School on the south side. The Turnpike has been en-routed and now passes south of the old Wheat High School location. A gated road enters Blair, just east of the ORGDP plant.

Special thanks to Mrs. Rhea Hester, a graduate of Wheat, who loaned the *News* the vintage picture of Wheat High School, and to Mable Thornton, a former Y-12er, who loaned much of the historical data necessary for preparing this article.

Reunion in October

Comes the first Sunday in October, former residents in the ORGDP area

Laboratory Researchers Improve Spacecraft Alloy

Three staff members of the Metals and Ceramics Division, Holifield National Laboratory, have received letters of commendation from Energy Research and Development Administration headquarters in Washington, D.C., for their work in the development of an improved alloy for use in nuclear-fueled power systems for spacecraft.

Receiving letters of commendation from David S. Gabriel, director of ER-DA's Space Nuclear Systems Division, were Henry Inouye, Chai-Tsuan Liu and Anthony C. Schaffhauser.

The three researchers were successful in developing an improved alloy of iridium for high-temperature, high-strength applications in an isotopic-fueled thermoelectric power source. Such a power source, utilizing the HNL-improved alloy, is being developed for use in the National Aeronautics and Space Administration Mariner spacecrafts, scheduled for launching in 1977 to fly past Jupiter and Saturn.

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METALLURGY HONORARY INITIATES HAMMOND

Joseph P. Hammond, Holifield National Laboratory, has been initiated into Alpha Sigma Mu, an honorary metallurgy and materials fraternity, by the Alpha Chapter at the University of Kentucky. While attending the College of Engineering's Honorary Day, he also presented a seminar for graduate faculty and students on "Testing of Materials for LMFBR Steam Generators."

Hammond is a senior metallurgist in the Metals and Ceramics Division.

will gather for homecoming and decoration at the George Jones Memorial Baptist Church, which is about all that remains visibly of a once thriving, industrious community . . . that with a commemorative marker to its churches and colleges.



PASTORAL SCENE — A pre-Oak Ridge photograph shows what the Oak Ridge Gaseous Diffusion Plant area looked like more than 40 years ago, as sheep and their shepherd enjoy the summer sun. Almost Biblical in its context, the illustration shows the rolling terrain of the area, still in evidence around the ORGDP area.

Seven new foremen named in two Paducah divisions

Dr. John Storer named director Laboratory's Biology Division

Seven promotions have been announced at the Paducah Gaseous Diffusion Plant.

W.B. Ford has been named a seal shop foreman in the Maintenance Division. A native of Graves County, he worked at the Modine Manufacturing Company before joining Union Carbide in 1952.

He is assistant chief of Lone Oak's Fire Department, and also serves as its board of directors' chairman.

The Fords live at 316 Pepper Lane, Paducah. Mrs. Ford is the former Lou Jean Dillingham. The couple has two daughters.

Hovekamp

Earl C. Hovekamp has been promoted to a converter maintenance supervisor. Born in Paducah, he worked with Modine and the Pelter Supply Company before hiring in at the PGDP 22 years ago.

He is a veteran of the U.S. Navy and still holds the rank of chief petty officer in the Naval Reserve.

He is married to the former Mildred Bivins, also an employee at the Paducah Plant. They have three sons.

The family lives on Cairo Road, Paducah.

Hubert P. Jackson has been promoted to a supervisor in the compression shop. He was born in Murray and worked at the Hudson Motor Car Manufacturing Company before hiring in 23 years ago.

Mrs. Jackson is the former Alice Fair, and they have three children.

The Jackson home is at 2443 Washington, Paducah.

Lois McCann

Lois Marie McCann is a new converter maintenance foreman in Maintenance. A native of Knoxville, Tex., she joined Union Carbide 17 years ago, after working with Sears-Roebuck and Fisher Air Craft in Memphis. She has a B.S. degree from Murray State University.

Her husband, Arthur H. McCann, is deceased. She has a son and lives at 710 Friedman Lane, Paducah.

William E. Shelton is a craft foreman in Maintenance. He was born in Lone Oak and worked at Midwest Dairy before coming with Union Carbide in 1957.

Mrs. Shelton is the former Faye Angell, and they have three sons. They live at 2326 Shawnee Lane, Paducah.

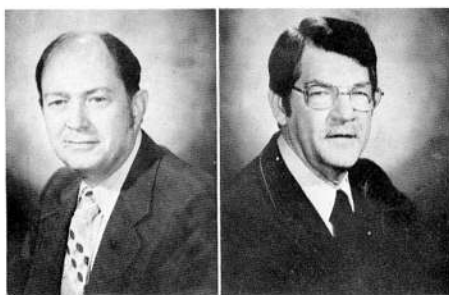
Max Thurmond

Max W. Thurmond has also been made a convertor supervisor in Maintenance. He was born in Mayfield, and attended Murray State University. He came with Union Carbide in 1952, after working with the B.F. Goodrich Plant in Calvert City.

Mrs. Thurmond is the former Carolyn Cochrum, and they have three children.

The Thurmond home is at 302 Macedonia Street, Mayfield.

Joseph F. Warren is a new process foreman in Operations. He was born in Dearborn, Mich. He was employed by the F.H. McGraw Company, Chrysler, and in the General Ac-



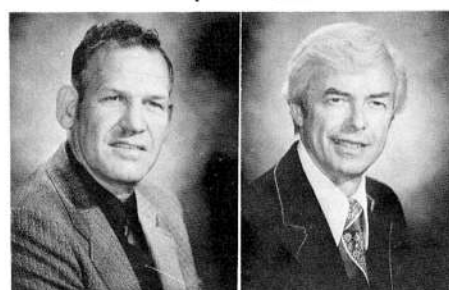
W.B. Ford

H.P. Jackson



E.C. Hovekamp

L.M. McCann



W.E. Shelton

M.W. Thurmond



J.F. Warren

counting Office before joining Union Carbide in 1951.

Mrs. Warren is the former Peggy Buchanan. They have three children, and live at 3220 Jefferson, Paducah.

John B. Storer, scientific director for pathology and immunology in the Biology Division of Holifield National Laboratory, has been appointed director of the Biology Division. The appointment, effective July 1, was announced by Chester R. Richmond, associate laboratory director for biomedical and environmental sciences.

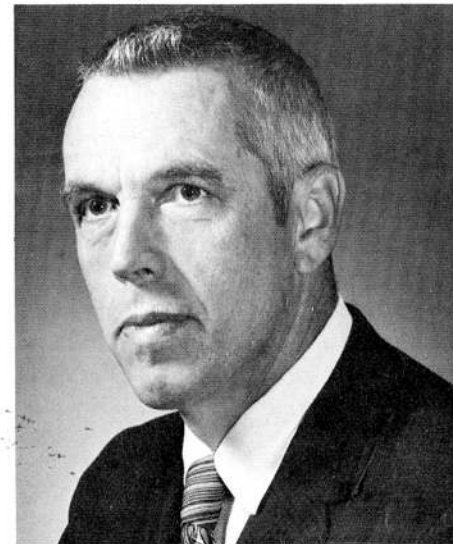
He succeeds Howard I. Adler, division director since 1969, who is taking a one-year leave of absence from the Laboratory to join the staff of the Institute for Energy Analysis, Oak Ridge Associated Universities, as a senior scientist.

Dr. Storer came to Oak Ridge in 1969 after serving for two years as deputy director of the former Atomic Energy Commission's Division of Biology and Medicine in Washington, D.C. Previously, he had been a senior scientist at The Jackson Laboratory, Bar Harbor, Me., from 1958 to 1967, and chief of the radiobiology section, Biomedical Research Group, Los Alamos Scientific Laboratory, from 1950 to 1958.

His principal research interests have been in radiation biology, late effects of exposure to ionizing radiation, aging, pathology, and recovery from radiation injury. In 1968, he was the recipient of the E.O. Lawrence Award presented by the AEC for meritorious research in the field of nuclear science.

Dr. Storer has been a member of the council as well as the board of editors of the Radiation Research Society. He is also a member of the American Association for Cancer Research, the Society for Experimental Biology and Medicine, and the American Society for Experimental Pathology.

A native of Rockland, Me., he did his undergraduate work at the University of Chicago, where he received the M.D. degree in 1947.



Dr. John B. Storer

The Biology Division is the largest of the research divisions at the Laboratory, with a staff of more than 350, including approximately 130 doctoral-level investigators. Its programs are directed toward understanding the effects of environmental agents on human health, particularly those that induce various forms of cancer or produce genetic damage.



To Theron V. Blalock and Casimer J. Borkowski, HNL, for "Thermal Noise Power Thermometry."

To Carlos E. Bamberger and Donald M. Richardson, HNL, for "Solid Sorbent for Trapping Iodine."

Next Issue

The next issue will be dated July 3. The deadline is June 25.



INDUSTRIAL COOPERATION SEMINAR — Two Holifield National Laboratory technologies applicable to liquid waste treatment - filtration processes and Anflow processes - were presented recently by Josh Johnson, and Alicia Compere and Bill Griffith, as the first of a series of Industrial Cooperation Seminars. Participants were, from left: Tien-Yung J. Chu, TVA; Carol Oen, Industrial Cooperation, HNL; S.J. Chen, Kenics, Inc.; Renee Joseph, Industrial Cooperation, HNL; Baruch Sachs, Israel Desalination Engineering Ltd.; Forrest Clark, Y-12; Kenneth Simon, ORGDP; Charles Barton, HNL; H.A. Fremont, Champion International Corporation; Harmon Roberts, NASA; Robert F. Jakob, Aqua-Chem; Walter G. Danisch, Union Carbide Corporation, Battery Division; Thomas J. Hoogheem, TVA; Josh Johnson; Shmuel Sternberg, ABCOR; Ted Dinovo, Battelle Columbus Lab; Alicia Compere; Lea J. Breithaupt Jr., International Paper Co.; Lawrence M. Litz, Union Carbide Corporation, Tarrytown, N.Y.; Bill Griffith; David M. Rohrer, Los Alamos; William M. Herring, BASF Wyandotte Corporation; and Frank Rukovene, Norton Company.

NSC Award of Honor given Union Carbide

For the second year in a row, Union Carbide Corporation has been recognized for outstanding safety performance by the National Safety Council. The Council's highest award, the Award of Honor, was presented to Union Carbide by Vincent L. Tofany, president of the National Safety Council in a special ceremony held at Union Carbide's headquarters in New York.

The award was made for excellent 1974 safety performance by all 78,901 Union Carbide employees in the United States, Canada and Puerto Rico. This performance is distinguished by a rate for disabling injuries of only 1.03 per million employee-hours worked. The serious injury rate, for less-serious, non-disabling injuries, was a low 8.90 per million employee-hours worked.

Estimates by the National Safety Council indicate that less than five out of every 1,000 work units in the United States can qualify for this award.

Guests at the presentation included 24 employees from all over the U.S., Canada and Puerto Rico, representing each division of the company. Representing the Nuclear Division were Terry Calhoun, Y-12; and Bill Bramblett, Oak Ridge Gaseous Diffusion Plant.



PADUCAH CLEANUP CAMPAIGN — In cooperation with the city and county cleanup committee at Paducah, the Paducah Gaseous Diffusion Plant has donated 3,000 Glad trash bags to the Boy and Girl Scouts and 4-H clubs for trash collections in the area. From left are Keith Bryant, Employee Relations Division; Conrad Cook, BSA fund drive chairman; Debby Troup, field advisor for GSA; Debbie Elrod, McCracken County area representative for the 4-H clubs; and Wilimina Ullerich, chairman of the McCracken County Beautification Board.

Division Retirees



HONORED FOR RESCUE WORK — Claude Maples, Y-12's 9215 rolling mill, was recently cited by Governor Ray Blanton as an outstanding Tennessean. The award came as a result of Maples' work as state historian for the Association of Rescue Squads. He also serves as a volunteer for the Knoxville Rescue Squad. In accepting the honor, he praised the Anderson County squad for their relentless efforts in searching for the bodies of two Oak Ridge youths who drowned recently in Cordell Hull Lake. "Those men gave freely of their time," he said.



H.J. Hulin

A.S. Sabin



S. Tallent

D.M. Wilson

Among recent retirees from the Oak Ridge Gaseous Diffusion Plant were Hurd J. Hulin, Albert S. Sabin, Seth Tallent and Daniel M. Wilson.

Hulin was a painter in the general maintenance department, Fabrication and Maintenance Division. He joined the Nuclear Division in November, 1950, and resides at 412 Seventh Avenue, Lenoir City.

Albert Sabin ended 28 years' company service. A shift supervisor in Separation Systems Division, he lives at 223 Belle Aire Drive, Concord.

Seth Tallent, a carpenter in the building maintenance department, Fabrication and Maintenance Division, had been with the Nuclear Division 31 years. His home is at Route 2, Spring City.

Wilson joined the Nuclear Division in June, 1945. He was a switchboard operator leader in Operations Division and resides at Route 1, Philadelphia.



J.B. Graham

John B. Graham, a 24-year Union Carbide veteran in Y-12's graphite shop, retired May 30. He lives at 148 Lancaster Road, Oak Ridge.

Division Deaths

Roy (Ken) Kirby, a millwright in the Plant and Equipment Division at Holifield National Laboratory, died June 5 in Coleman, Texas. He had been with the Laboratory 20 years.



Mr. Kirby

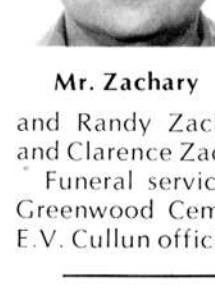
Mr. Kirby was a member of the Holston Baptist Church. He had served in the Navy during World War II.

He is survived by his wife, Anna M. Kirby, of Yount Road, Knoxville; a son, Roddy Kirby, of the home; two daughters, Mrs. David (Shanna) Foust of Knoxville and Mrs. John (Janice) Anderson of Maryville; his parents, Mr. and Mrs. John E. Kirby; two brothers, John M. and Howard Kirby; two sisters, Mrs. Gene A. (Drucilla) Clark and Mrs. Ray (Barbara) Fine, all of Knoxville; and three grandchildren.

Funeral services were held June 6 at Weaver's Funeral Home, Knoxville, with the Rev. James Parton officiating. Burial was in Piney Grove Baptist Church Cemetery, Knoxville.

Elmer L. Zachary, a planner and estimator in Y-12's building services, died June 1 at his Karnes home.

A native of Knox County, he joined Union Carbide in 1965, after attending The University of Tennessee and Oklahoma A & M. He was also a veteran of the U.S. Navy.



Mr. Zachary

Survivors include his wife, Dorothy Zachary; sons, Alan, Terry and Randy Zachary; brothers, Jack and Clarence Zachary.

Funeral services were held at the Greenwood Cemetery with the Rev. E.V. Cullun officiating.

Clifford E. Clayton Sr., a maintenance general foreman in the Plant and Equipment Division at Holifield National Laboratory, died June 9 at St. Mary's Hospital in Knoxville. He had been with the Laboratory 31 years.



Mr. Clayton

Mr. Clayton, a native of Benton, was a veteran of World War II.

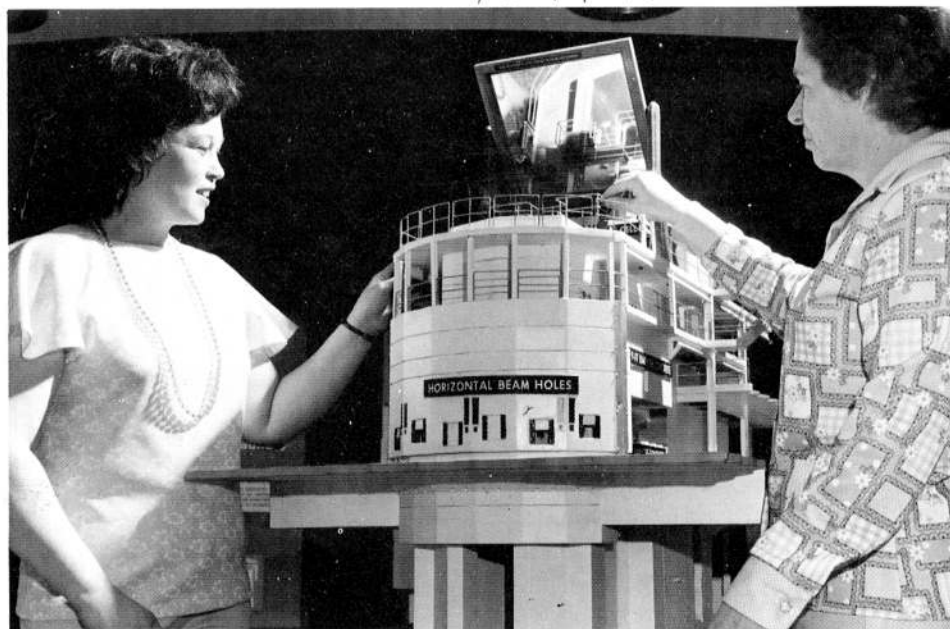
He is survived by his wife, Mrs. Mazola Clayton, of 9130 Lullaby Lane, Burchfield Heights, Knoxville; a son, C.E. Clayton Jr. of New Orleans, La.; his mother, Mrs. Robert Clayton of Benton; a brother, Manuel Hubert Clayton; a half-brother, Haskell Lloyd Dillingham; a sister, Mrs. George Ross; and a granddaughter.

Funeral services were held June 12 at Fairview Baptist Church with the Rev. David C. Sharp and the Rev. Jack Anderson officiating. Burial was in Oak Ridge Memorial Park.

NUCLEAR DIVISION SAFETY SCOREBOARD

Time worked without a lost-time accident through June 12:

Paducah	37 Days	335,000 Man-Hours
ORNL	66 Days	1,370,310 Man-Hours
ORGDP	38 Days	907,170 Man-Hours
Y-12	100 Days	3,163,000 Man-Hours



A LOOK INTO A REACTOR — Cheryl Phillips, left, and Dovie Patterson of the Laboratory's Energy Division, examine the scale model of the Oak Ridge Research Reactor on display in the flagpole lobby of Building 4500N. The current exhibit, presented by the Operations Division of HNL, is the second in a series of traveling exhibits intended to acquaint Nuclear Division personnel with ongoing research programs and activities. At the end of July portions of the Operations exhibit will move on to another installation and a Metals and Ceramics Division exhibit will be set up in the 4500N location.

Traveling exhibits spotlight research

Employees will have a chance to learn more about Nuclear Division research projects and activities with the recent initiation of a rotating exhibits program.

The program features traveling exhibits prepared by a different Nuclear Division group every three months. Each exhibit begins its tour in the main lobby of Building 4500N at Holifield National Laboratory, then "takes to the road" after three months to be viewed at other Division installations and at the American Museum of Atomic Energy.

HNL's Analytical Chemistry Division was the first to submit an exhibit, which was housed in the 4500N lobby from February through the end of April. The part of the exhibit relating to smoking and health was displayed in the HNL Biology Division main lobby, and later was moved to the Y-12 Plant cafeteria. Another portion, dealing with trace contamination

from coal-burning power plants, is temporarily at the Museum.

This quarter's exhibit has been done by HNL's Operations Division and includes models of the Oak Ridge Research Reactor and the High Flux Isotope Reactor, as well as descriptions of other Operations facilities and programs. At the end of July, portions of the display will move to the Museum. Tentative plans are being made to include all of the four Division plants on the schedule of exhibit stops.

Upcoming exhibits already scheduled will be presented by Metals and Ceramics Division, Reactor Division, Isotopes Division and the Information Analysis Center Forum (an association of Laboratory staff from the various information centers and systems). Division directors who have not yet scheduled exhibits may contact David Sundberg, program coordinator, at 3-6415 to make arrangements.

Clark, Addison are promoted at HNL

Two employees have been promoted within the Health Physics Division at Holifield National Laboratory.

David R. Clark has been moved to health physics supervisor and John S. Addison has been appointed an applied health physicist.

Clark joined the Laboratory staff in July, 1950, and has been with Health Physics Division since that time. Prior to his promotion he was a science technologist.

A native of Jellico, Clark was raised and educated in Maryville. He attended both Maryville College and William and Mary College in Virginia.

He and his wife, Merle, reside at 123 Graystone Drive, Oak Ridge. They have three sons.

Addison has been with the Laboratory for 25 years, working in Reactor and in Instrumentation and Controls divisions before joining Health



J.S. Addison

D.R. Clark

Physics. He was previously a senior health physics inspector.

Addison was born in Columbus, Ohio, and received the B.S. degree in biological sciences and physical education from Miami University, Ohio. He and his wife, Bryant, live at 149 California Avenue, Oak Ridge. They have a daughter, who resides in El Paso, Tex.

ASCET names HNL's Dial technician of the year

Ralph E. Dial of Holifield National Laboratory has been named "Technician of the Year" by the American Society of Certified Engineering Technicians. The announcement of his selection was made recently at the group's annual meeting in Minneapolis, Minn.

The award was made to Dial in recognition of his efforts to promote the professional development and recognition of engineering technicians as members of the engineering-scientific team in service to the public and national welfare; providing guidance, incentive and educational opportunities; promoting the economic, social and ethical responsibilities and developing methods to improve the utilization of the Society.

Dial is a charter member, co-organizer and founder of the Oak Ridge - Knoxville Chapter of ASCET, continuously holding elective office or committee chairmanship since it was chartered in 1967. Presently holding the office of chairman of the board of directors, he has served as president, vice-president, local chapter director, regional meeting program chairman and education committee chairman.

He is assigned to Reactor Division's special heater group, which is responsible for development, design and quality assurance of advanced design nuclear fuel pin simulators. In prior years he has been involved with such programs as the aircraft nuclear



Ralph E. Dial

propulsion reactor test, advanced gas-cooled reactor, molten salt reactor and magneto-hydrodynamics power generator. In the study of fundamental problems associated with these systems he assisted several candidates for the Ph.D. degree in development, design and operation of test apparatus. He recently was awarded a patent for his participation in the development of a magnetic temperature sensor.

A native Tennessean, Dial joined Union Carbide in 1954 after serving in the U.S. Air Force and working with Delta Airlines. He has attended Georgia Institute of Technology and The University of Tennessee.

He resides in Concord with his wife, Jean, and daughters Robin and Kristye.

COMPANY Service

20 25 30

ORGDP 30 YEARS

Grover S. Dalton, power and utilities maintenance; Eugene T. Ault, U-235 separation department; J.C. Horton Jr., isotope analysis department; John W. Arendt, laboratory administration; Daniel M. Wilson, Oak Ridge area electricity distribution department; and Jess W. Harper, building maintenance department.

25 YEARS

Finis S. Patton Jr.

20 YEARS

Mary C. Bell and William T. McCarley.

Y-12 PLANT 30 YEARS

John L. Waters, Engineering Division; Helen L. Hicks, Production Assay; Millard M. Maples, general shops; Harley R. Johnson, 9215 rolling mill; and Mary K. Mattingly, Production Assay.

25 YEARS

Gerald W. Lankford, Richard M. Chapman, Billy I. Miller, Idus D. Conner, Daniel C. Lasley, Hugh D. Campbell, William D. Newman Jr., Wilbur K. Martin, Frank J. Blair and James W. Howard.

Y-12ers' daughter gleans high honors

The faculty at Lenoir City High School has voted Pamela Smith the outstanding student in all her four years at school. In graduation exercises recently, she spoke as the class valedictorian on "What America Means to Me." She was awarded a



Pamela

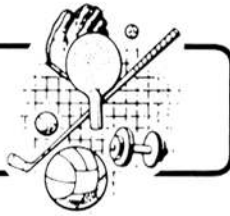
\$500 UT Alumni Association scholarship and also received a \$200 scholarship from the Suburbia Junior Woman's Club.

Pamela is the daughter of William T. and Alice Smith, both Y-12 employees. He is in building services, and Mrs. Smith works in the Y-12 Cafeteria.

She maintained a grade average of 11.0 on a 12 point scale her four years in high school, and was a member of the National Honor Society for the last three.

Pamela hopes to attend UT this fall to begin studies in nursing. The family lives at Route 3, Lenoir City.

RECREATIONOTES



HEATED COMPETITION — A healthy swat of the bat connects for this Nuclear Division miss in the heated softball competition now in progress during the summer months. Too bad, the ball went foul!

ALL CARBIDE SOFTBALL

Artie's Army and The Pubs are tied for the top position in the Nuclear League. The Rats fell down to sixth place with the loss of one game.

In the Atomic League, the Computes now have an undisputed hold on first place. The Shifters are in third place after losing two games.

League standings follow:

NUCLEAR LEAGUE

Team	W	L
Artie's Army	3	0
The Pubs	3	0
Bio Rejects	4	1
Labor Gang	4	1
Al's Pals	3	1
Rats	3	1
Alphas	2	1
Knuckle Balls	2	2
Avengers	2	2
Bombers	2	3
Mc's Pack	1	3
The Mad Batters	1	4
Odds & Ends	1	4
TAT	1	4
Mama's & Papa's	0	2
The Outlaws	0	3

ATOMIC LEAGUE

Computes	3	0
E. S. D.	4	1
Shifters	2	2
Gas House Gang	2	2
Raiders	2	2
Snakes	2	2
Red Barons	2	3
Supersonics	1	3
K-25 B Shift	0	3

PADUCAH FISHING

The Paducah Plant is sponsoring a fishing contest from June 16 through September 27. Prizes will be awarded for the largest fish in the following categories: bass, bream, crappie, and other game fish; catfish and other rough fish, except shad.

Weigh stations will be placed at the different lakes and the location of these weigh stations will be posted in the Plant.

Y-12 GOLF

John Baker took top honors at Whittle Springs in Y-12's second tournament with a 70. Jim Vance and T.E. Smith tied for second place with 72 each.

In handicap scoring, Ray Riggs took the low with a 75. Douglas Roberts, John Sewell and Richard Graham followed, each with a 77 score.

Frank Tiller tallied 16 pars, followed by W.H. Tipton with 14.

In the second division, it was Roy Morrow with 81; Fred Marshall and C.T. Haun tied for second place with scores of 82.

Handicap lows were registered by Dick Huber, 81, and John Towle, 82.

H. Nobles parred 10 holes. C.W. Ridings, Mel Whited, John Hamilton, Don Dowery, C.C. Roberts and Bill Briscoe each took seven pars.

Division three honors went to J.F. Watlington, 78, and Herb Hensley, 81.

Handicap honors went to Terry Chance, 82, and K.W. Hill, 86.

Bill McManus carded seven pars; R.C. Rector and D.L. Justice counted five each.

HIGH POWER RIFLE LEAGUE

Jack Huff of Y-12 won the fourth match of the All Carbide High Power Rifle League with a 472 out of a possible 500. Don Kiplinger, HNL, was second with a 464, and Ed Johnson, Y-12, came in third with a 452.

Other scores were:

L.W. Weston, HNL - 448
A.A. Abbatiello, ORGDP - 446
H.W. Bertini, HNL - 439
L.M. Toth, HNL - 394
L. Schlemper, ORGDP - 365
R.D. Allen, ORGDP - 361

LAB MAN GETS AWARD

B.J. Copeland, HNL, received the Presidential Sports Award in volleyball on June 10, 1975.

ORGDP GOLF

Alvin Boatwright took ORGDP's second tournament at Southwest Point. His 73 was the day's low, with H. Creswell and George Wylie in second place with 80 each.

Eddie Edwards took handicap honors in the first division with a score of 77, followed by C. Ferguson with an 83.

Eleven pars were tallied by R.K. Johnson; L.H. Kahler and John Battle counted nine each.

In the second division, Ben Stanton took honors with an 81. B. Kimmerly carded an 86 for second place.

Handicap lows were registered by Harold Cornett, 85, and L. McDonald, 88.

George Reece parred seven holes; Bill Schwab, J. Edwards, Ted Bartlett and Jim Grisard took six each.

J. Kirkpatrick and D. Hinton took third division honors with scores of 89 and 90 respectively.

Handicap lows went to M. Defenderfer, 92, and V.E. Houston, 90.

Five pars were tallied by S. Eatherly; F.E. Walton, N. Teasley Sr., J.F. Crawford and J.M. Friend each counted three.

A yearly health checkup is part of the battle against cancer in which the American Cancer Society wants everyone to enlist.

Think
safety belts
are confining?

Not half as
confining as
wheelchairs.

What's your excuse?

Recreation Office welcomes 1975's summer employees

The Nuclear Division Recreation Department invites all summer employees to participate in the summer recreation program. Activities available include the Astronomy Club, Camera Club and Canoe Club; rifle, pistol, skeet, archery and softball leagues; badminton, and table tennis. The department also sponsors summer golf tournaments and fishing rodeos.

The Clark Center Recreation Park, which requires an automobile decal for admission, is located on Melton Hill Lake. The Park offers picnicking, fishing, boating, swimming, skiing, softball and other sports.

For further information concerning any of these activities, employees may call the Recreation Office, 3-5833.

PADUCAH PLAY DAYS

The Carbide Ladies' Golf Play-day is held at Paxton Park each Monday at 5 p.m. Spouses are invited to the affair which involves playing nine holes of golf, then drawing "blind holes" for door prizes. A social hour follows.

On Tuesdays at 5 p.m. at Paxton Park, six men's teams compete for match and medal honors in three matches. They also play nine holes of golf and socialize.

Both golf leagues are always on the lookout for new recruits. You don't have to be a good golfer, just a golfer.

PADUCAH SWIMMING

Beginning June 28 and continuing through August 30, the Bob Noble Swimming Pool in Paducah will be reserved each Saturday for Carbide employees and their immediate families. Pool hours will be from 9 a.m. to 12 noon.

Instructional swimming will be included of the program. Elmer Breidert will be in charge of instructional swimming. In addition, life guards, basket and locker room services will be available free of charge.

Tee-Off Time Application for June 28

(Check Appropriate Plant)

- ☐ ORGDP — Wallace Hills
☐ Y-12 — Dead Horse Lake
☐ Laboratory — Quail Creek Country Club Check

LEADER _____

Phone _____ Bldg. _____

Time Preferred _____

COMPLETE AND RETURN TO YOUR RECREATION OFFICE

Entries must be received prior to drawing on June 25, 2 p.m.

ORGDP—Building K1001—C-Wing—MS 122

Y-12—Building 9711-5

ORNL—Building 2518

Tee-off times for all tournaments will be drawn on Wednesdays prior to each Saturday's tournament. Golfers are responsible for reserving their own carts by contacting the pro shop following drawing for tee-off times.

The Medicine Chest

(Editor's Note: Dr. Lincoln alternates his regular column with "The Medicine Chest," where he answers questions from employees concerning their health in general. Questions are handled in strict confidence, as they are handled in our Question Box. Just address your question to "Medicine Chest," NUCLEAR DIVISION NEWS, Building 9704-2, Stop 20, or call the news editor in your plant, and give him your question on the telephone.)

By T. A. Lincoln, M.D.

QUESTION: "Our teenager had a slightly high uric acid level in a recent routine check-up. The doctor says this means he is a potential gout victim. Does this mean the uric acid will always be high, and are all such cases positive to have gout and if so, how soon?"

ANSWER: An elevated serum uric acid level in your son does not necessarily mean that he is destined to have gout. An elevated uric acid level is a fairly common finding in the routine blood chemistry screening now being performed on many hospital patients and during periodic physical examinations.



Several years ago at the Wadsworth Veterans Administration Hospital in Los Angeles, an intensive investigation was conducted on men who had an elevated uric acid when they were screened at the time they were admitted to the hospital. A total of 546, or 13.2 percent of 4,148 patients, had a level higher than 7 milligrams per 100 milliliters of serum. Of these 546, an unselected sample of 200 were thoroughly investigated and only 24, or 12 percent, had gout. The gout patients generally had higher levels than those who had an elevated level for some other reason or because of an unknown cause.

May be caused by drugs

There are many other explanations for an elevated uric acid. Various medicines such as L-Dopa, diuretics used to treat high blood pressure, and several anti-tuberculosis drugs can produce quite high levels. Patients with psoriasis, obesity, excessive alcohol consumption, hypothyroidism and severe chronic kidney disease may have an elevated uric acid level.

Less than 40 percent of patients with obvious gouty arthritis have blood relatives who have gout. Studies of relatives of individuals who have only the high uric acid level have given inconsistent results. One reason is that some individuals on repeated testing will have widely varying results.

The Technicon SMA 12-60, which is probably the most commonly used automated analyzer, uses a color method which is not specific for uric acid. Many drugs can cause a similar color reaction and give a falsely high result.

Several tests required

From the above comments, it should be clear that no conclusions

can be reached from a single uric acid test. Several tests must be performed with consistently high results before one needs to consider a more intensive investigation. If no cause can be found and the level is over 9 milligrams per 100 milliliters, further studies are necessary. After reaching adulthood, if the urinary uric acid is consistently more than 750 milligrams per 24 hours and the total urinary nitrogen is high, a diet low in purines may be worth trying. The foods to avoid are organ foods, anchovies, sardines and meat extracts. Body weight should be kept near ideal and alcohol should be used only occasionally and in moderation. Drugs to lower uric acid are effective but probably should be reserved for patients who already have gout.

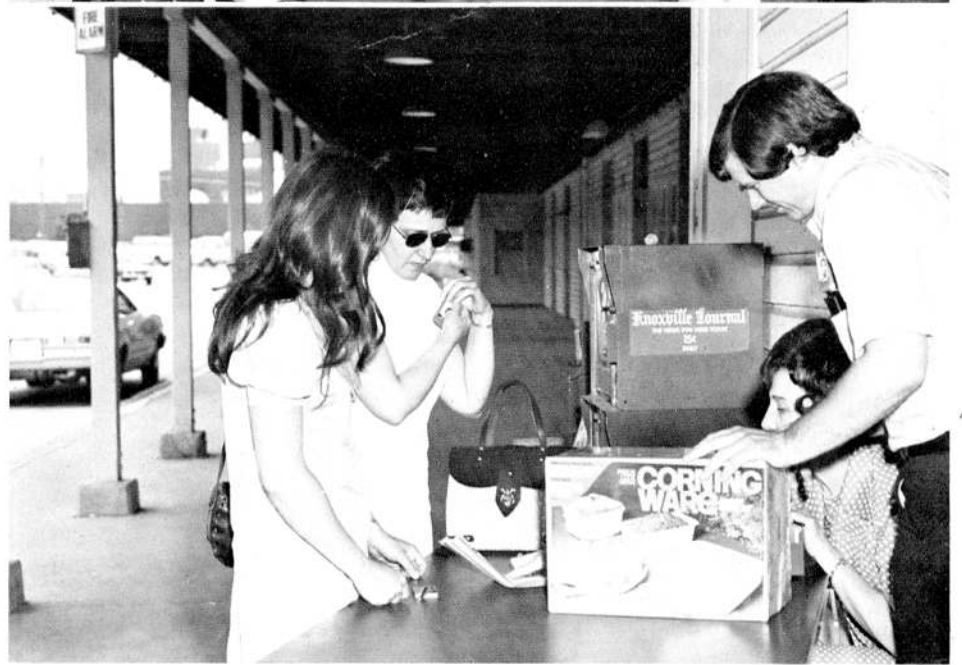
QUESTION: "I recently returned from a long trip, and I found that my ankles were swollen. The lower part of my legs had discomfort for several days. I have heard that there is a danger of phlebitis or clots forming. Please give some information on this subject."

ANSWER: A blood clot which forms in a deep vein in the leg may break loose and travel to the lungs where it causes a pulmonary embolism. Thrombophlebitis, an inflammation of the veins usually in the legs, predisposes a person to clots which may cause an embolism.

There are several diseases which predispose a person to phlebitis, with cancer the worst. Age, of course, makes a person more vulnerable. Occasionally clots form in the deep veins in presumably reasonably healthy people. This condition is called phlebothrombosis, and is often due to stasis of the blood in the legs. Such stagnation of venous flow may be caused by prolonged bed rest. Short periods of inactivity with pressure on the back of the thighs or knees may partially obstruct normal blood flow. Prolonged sitting is the most common cause.

Prevention may not be possible but several things help. One of the most common causes of phlebitis and clots in the legs is a complication following surgery. Obviously, then, one should avoid all unnecessary surgery. When traveling over long distances, take regular breaks and get out of your seat and walk. Also, periodically raise and lower the front part of your foot while you ride. The blood in the veins of the legs returns passively to the heart, and when a person is completely inactive, it is remarkably sluggish. This stasis predisposes a person to clots. By moving the feet up and down, one can feel the pumping action of the calf muscles.

One might logically ask why clots



SAFETY AWARD DISTRIBUTION — Y-12ers recently received safety awards for their outstanding record set last year, when more than 16,000,000 man-hours were worked without a lost-time accident. This string of accident-free days not only was a plant record, but set one throughout the entire Union Carbide Corporation. William H. Damewood and Darlene Hunnicutt, Safety Department, issue the Corning Ware, the last of the items to be received.

Ask your dentist for a complete mouth checkup. It's one of the ways to detect oral cancer early when it is curable, according to the American Cancer Society.

don't form at night when we sleep. The answer is that occasionally they do form in predisposed persons, but in healthy individuals, they don't because we move around a remarkable amount while we sleep.

PATENTS Granted

To Wayne F. Johnson and Richard A. Mathis, HNL, for "Data Processor for Multistation Photometers."

To Arthur E. Sands, formerly in Y-12's Development Division, for "Method for Dissolving Ceramic Beryllia."

Lenior Rhyne College cites Paul Reinhardt

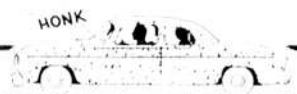
Paul W. Reinhardt, Health Physics Division, Holifield National Laboratory, was presented a distinguished service citation at Lenoir Rhyne College's graduation exercises in Hickory, N.C.



Reinhardt, a graduate of the College and Johns Hopkins University, was cited for his contributions to the health physics profession and his work with graduate students.

Reinhardt has been with the Laboratory, in the Health Physics Division, since 1946. He currently is a research staff member in the chemical physics studies section. He and his wife, the former Terrissa Rockett, have three children and reside at Route 4, Kingston.

WANTED



LABORATORY

RIDE from 82 East Tennessee Avenue, Oak Ridge, to East Portal, 8 or 8:15 a.m. shift. Charles Trahern, plant phone 3-1822, home phone 482-5550.

JOIN CAR POOL from 192 North Purdue Avenue, Oak Ridge, to East Portal, 8 or 8:15 a.m. shift. Kenneth Thomas, plant phone 3-1822.

RIDE from 601 Michigan Avenue, Oak Ridge, to either portal, 8 or 8:15 a.m. shift. John McDonald, plant phone 3-1822, home phone 482-5322.

Y-12 PLANT

RIDE from 601 Michigan Avenue, Oak Ridge, to East or North Portal (Thermonuclear Division), 8 a.m. shift. Joseph Swierzbinski, plant phone 3-5176, home phone 482-5322.

CAR POOL MEMBER from Clinton area to Biology or North Portal, straight day shift. Ray L. Hill, plant phone 3-5277 or home phone 457-1849.

ORGDP

RIDE from Karns-Tacora area to Portal 2, 7:45 - 4:15 shift. Call Michael Ellis at plant phone 3-3688 or home phone 584-6485.

RIDE WANTED from 323 Richmond Ave., (West Haven) Knoxville, to Portal 2, straight day. Arthur Vance, plant phone 3-3258.

CAR POOL MEMBER from Fountain City-Inskip area, Knoxville, to any portal, straight day. Dan Humphrey, plant phone 3-3396, home Knoxville 687-3706.

JULY FOURTH HOLIDAY

Friday, July 4, is an official holiday for Nuclear Division employees. No employee is required to be at work on that day unless his/her presence is required for security or continuous operations.

QUESTION BOX



(Continued from page 1)

mination. The Company portion would not be paid unless qualifications were met.

ANSWER: It is an interesting suggestion, but the termination allowance just isn't an entitlement. It is paid to an employee only upon retirement. You can not collect interest on money that isn't yours and in fact may never be yours. It would be similar to asking an insurance company to let you have the face value of your life insurance so that you might earn interest on it prior to the time of your death.

QUESTION: The South parking lot at HNL could be made more convenient for Laboratory personnel by simply relocating the guard station to a central location within the lot. The location of the present gate does not seem to serve the best interest of all the lot's users. Only those in the eastern part of the 4500-5500 complex. Those who must park in the west end of the lot and work in the western end of 4500 and other buildings adjacent thereunto, must walk to the extreme eastern end of the lot, go through a gate and back-track to their place of work. Why cannot the guard gate be moved to the unmanned north egress for more convenience of a large segment of employees?

ANSWER: Your question stimulated another look at the South parking lot, and management agrees with you. The North turnstile is very close to the "center of gravity" of the lot; putting the guard gate there will shorten the walk for most people. For a few employees the walk will be longer, but there just are not enough guards to man two gates during the morning rush. Since only a one-way turnstile is now at the North exit, it will be necessary to install a new gate and to widen the concrete footbridge across the gully. Plans for this work are in hand, and we hope to complete it by the end of June.

QUESTION: How many department head, or above, positions at the Oak Ridge Gaseous Diffusion Plant have been filled by Y-12 personnel in the past five years? Two years? How many department head, or above, positions at ORGDP have been filled by promotion of ORGDP personnel in the past five years? Two years?

ANSWER: Eight department head or above positions at K-25 have been filled by Union Carbide employees transferred from Y-12 during the past five years. Of these eight transfers, five have occurred during the past two years.

In comparison, forty-five department head or above positions have been filled by promotion of K-25 personnel in the past five years; twenty-eight of which have occurred over the past two years.

Isotopes reorganization

(Continued from page 1)



E.H. Kobisk



E. Lamb



E. Newman Jr.

neutron configurations of nuclei through experiments with the Oak Ridge Isochronous Cyclotron.

The program he is to head includes the separation of stable isotopes by electromagnetic processes, process improvement, the chemistry of stable isotopes and heavy elements, and heavy element separation. It also will include an organization responsible for the sale of these materials to outside groups.

Eugene Lamb

Eugene Lamb, presently an assistant superintendent of the Isotopes Division, will be responsible for activities in the development, production, and sale of radioactive isotopes formerly carried out by that division.

Programs under his direction will include radioisotope production and processing, research, and the development of industrial and medical uses of radioisotopes.

Lamb joined the Laboratory staff in 1947 as a reactor operations shift supervisor. Later he was responsible as a development engineer for the design of radioisotope production facilities, including the Fission Products Development Laboratory, Iodine-131 Production Facility, Krypton-85 Separations Facility, and high radiation level shielded cells.

Edward H. Kobisk will continue to direct the target preparation program. Kobisk, a development chemist in the Isotopes Division since 1962, has also served part-time as a recruiter for the Nuclear Division's Central Technical Personnel Office. He came to Oak Ridge in 1951 as a chemist at the Oak Ridge Gaseous Diffusion Plant.

Calendar of EVENTS

TECHNICAL

June 24

ORAU Medical and Health Sciences Division Seminar: "The Borkowski Scanner and Clinical Testing," C. J. Borkowski. Main Conference Room, Oak Ridge Associated Universities, East Vance Road, 12 noon.

June 27

Biology Division Seminar: "The Role of tRNA in the Near UV-Induced Growth Delay of *Escherichia coli*," T.V. Ramabhadran, University of Texas, Dallas. Tower I Conference Room, Building 9207, 12:15 p.m.



UNION CARBIDE CORPORATION

NUCLEAR DIVISION

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